

## DeDesk RFID reader

With the compact desktop reader, any RFID data carriers can be read and written by your host system. This makes it easy to integrate POS applications or other PC applications into any new or existing RFID environment. The supplied DLL can be installed very quickly in a Windows PC-based host system. It supports all important technologies Legic, Mifare Classic, Desfire with the known data structures on the market.



### Advantages

- Plug and Play installation under Windows 7 and higher (no virtual COM ports)
- Processing of all known (also simultaneously different) 13.56 MHz data carriers **in one reader** and therefore compatible with most access and time recording systems for modern multi-application applications
- Compatible with open data carrier standards such as Legic CASH ([www.legic.com](http://www.legic.com)), Legic COM ([www.legic-com.org](http://www.legic-com.org)) and Desfire OpenCashfile (Common Smartcard Solutions Association CSSA: [www.common-smartcard.org](http://www.common-smartcard.org))
- Support for many proprietary data mappings from a wide range of manufacturers:
  - Mifare, Legic for consistent card management across all technologies
  - Creation of customer-specific card mappings as configuration files. This enables simple retrofitting of new data structures.
- AutoFormat: In the field Segmentation of Legic transponders data structures.
- Identical functionality as DeLight automatic reader (same code base)
- low cost thanks to minimal electronics

### Features

- Security mechanism to prevent theft of baptized readers
- Firmware update of the integrated Legic security module, logic in DLL easy to update
- Two-color LED for displaying data carrier status and buzzer for acoustic signals

### Technical data

- Legic 4500 Chipset
- Modern FTDI USB chip
- Drivers for Windows XP, 7, 8, 10
- LED green/ yellow/ red
- Supply from USB, max. 250mA
- Plastic housing anthracite
- Dimensions: approx. 145x74x45 mm, cable length USB 1.2m (permanently installed)



### Executions

HW.71.000.02 DeDesk: USB reader with DLL  
HW.71.000.03 DeDesk OEM: USB reader without DLL (virtual COM port, requires third party DLL)  
HW.71.000.11 DeDesk TTL: Serial reader for DIVA2 Base (connector p7)  
HW.71.000.12 DeDesk embedded: USB reader for PC-supported vending machines, external Dragon antenna or similar.

### DLL

- Free .NET assembly (.NET 4.0) for 32-bit processes
- One API for all technologies and data structures
- Complete business logic in the DLL
- Identical feature set as DeLight vending machine reader (RFID stack SW module integrated)
- Support for various wallets and identification systems
- Price lists, subsidies, bonus
- XML configuration file

#### Order coordinates:

Item no:	HW.71.000.	02HW.71.000.03
Designation:	DeDesk USBDeDesk	USB OEM
Legic/Mifare, without display Legic/Mifare, USB/COM Port virt.		
Housing anthracite, top layer blue		
Port, without display, anthracite		



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